generally spanning multiple bits. Each datapath region 203 may comprise a plurality of datapath

functions 209. A datapath function 209 may utilize some or all of the bits available from the databus 207.

A datapath function 209 may comprise a plurality of cell instances 215 which enable some form of signal

or logic transformation of the data passed by the databus 207. The cell instance 215 within a datapath

function 209 generally operates on the data carried on the datpath function 209.--

Please replace the paragraph starting on page 16, line 24, and ending on page 17, line 3, with the

following rewritten paragraph:

--In a preferred embodiment, the user can also conduct a search of the remote parts database 402

to find an electronic component having certain desired properties – for example, a resistor having a

specific resistance value. Standard database search tools may be utilized for this purpose. The user may,

for example, interactively enter the component type, the desired value (or range of values), and any other

distinguishing information or characteristics at the user workstation 403, and commence a search of the

remote parts database 402. The search results are returned to the user workstation 403 and displayed,

allowing the user to peruse the search results in the same manner as the initially displayed dynamic parts

listing.--

Please replace the paragraph on page 17, lines 4-12, with the following rewritten paragraph:

--Whether or not the user conducts a search, the user may browse through the displayed dynamic

parts 460 to determine whether any of them would be beneficial to the user's circuit design. Profile

information regarding the designer and/or the particular schematic design, among other items, may be

stored in a user profile at the remote parts database 402 and used to assist in selection of appropriate

electronic components. Likewise, metrics data regarding other designers having similar designs may be

stored in a metrics server and used to assist in selection of appropriate electronic components. Use of

such profiling and metrics routines is disclosed in greater detail in commonly-assigned and co-pending

U.S. Patent Application Ser. No. 09/514,757 filed concurrently herewith, hereby incorporated by reference as if set forth fully herein.--

Please replace the paragraph on page 18, lines 7-24, with the following rewritten paragraph:

--In a next step 610, the user inserts the selected dynamic part 460 into a design within the schematic program 404. In a preferred embodiment, the user clicks on the desired dynamic part 460 with a computer mouse and places the part into the design within the schematic program 404. This placing action has the effect of transmitting a copy of the dynamic part 460 over the Internet 450 into the design within the schematic program 404. Mechanisms for moving an item that appears on a computer screen and copying over data associated with the item (e.g., dragging and dropping) are well known to those skilled in the art. After the dynamic part 460 has been placed into the design within the schematic program 404, the dynamic part 460 may then be manipulated within the schematic program 404 in the same manner as any other graphical icon or symbol used within the schematic program 404. Once placed in the design, the selected dynamic part 460 preferably has the functionality within the schematic program 404 according to the type and value of part, similar to other types of standard graphical components or symbols used in such schematic program 404 in the prior art. Referring to FIG. 6, a design within the schematic program 404 is shown having a number of dynamic parts 460 inserted therein. The dynamic parts 460 may be interconnected within the schematic program in the same fashion that prior art symbols are utilized in similar schematic programs. While, in some embodiments, dynamic parts 460 may be intermixed with standard "non-dynamic" parts within a design, it is advantageous in some applications to have all of the components within a design be dynamic parts 460.--

Please replace the paragraph starting on page 18, line 25, and ending on page 19, line 5, with the following rewritten paragraph:

--It may be useful in some embodiments for the user to have access to a summary list of which parts within the design are dynamic. A dynamic parts manager (not shown) may thus be provided at the
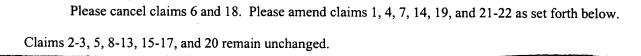
user workstation 403 whereby the user can obtain a list or other indication of which parts within a design are dynamic. Using the dynamic parts manager, the user may also be provided with the ability to "link" a non-dynamic part to a dynamic part 460 in the remote parts database 402. The act of linking a non-dynamic part to a dynamic part 460 causes the non-dynamic part to take on the attributes of the dynamic part 460 to which it is linked. The non-dynamic part thereby effectively becomes a dynamic part. In such a manner, non-dynamic parts that have already been placed can essentially be converted into dynamic parts.--

Please replace the paragraph on page 22, lines 16-23, with the following rewritten paragraph:

--After the design has been finalized and the bill of materials has been generated, the parts may then be procured from the appropriate suppliers. An example of a process for procuring electronic components is disclosed in common-assigned U.S. Application Ser. No. 09/514,757 filed concurrently herewith, previously incorporated by reference as if set forth fully herein. The procurement process may involve, for example, the automatic generation of purchase orders for the desired parts in the bill of materials (based on the expected quantity of production), which may be transmitted in electronic form over the Internet 450 to the appropriate supplier or distributor using the stored links to the supplier or distributor.--

In the Claims

Please cancel claims 6 and 18. Please amend claims 1, 4, 7, 14, 19, and 21-22 as set forth below. Claims 2-3, 5, 8-13, 15-17, and 20 remain unchanged.

1.   (Amended) A method for selecting electronic components from a remote database over a distributed electronic network, comprising the steps of:

storing a plurality of dynamic parts in a remote parts database, wherein each of said dynamic parts represents an individual electronic component and is associated with a plurality of component data items;